

## MEMORANDUM

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| <b>To:</b>      | Leslie McLean, King County<br>Alex Shkerich, Atelier | <b>Date:</b> | May 11, 2005 |
| <b>From:</b>    | Jennifer Lowe  | <b>TG:</b>   | 03292.00     |
| <b>Subject:</b> | Revised Burke-Gilman Trail Crossing Plan             |              |              |

Attached is a revised memorandum for the engineering study of the Burke-Gilman Trail Crossing Plan, for crossings within the City of Lake Forest Park. This memorandum identifies the modifications to the memorandum that have been made since the previous draft was issued.

1. Dates have been added related to when data collection was performed
2. Additional accident research was performed and is described in the text
3. Information has been added to the "Signage History" segment that discusses how the 1975 Supplemental FEIS addressed right-of-way at vehicular trail crossings.
4. Sight distance triangles have been revised based on observed and reported very slow vehicular approaches to the trail, and recalculated stopping distances for both vehicles and bicycles.
5. Recommended sight distance requirements have been revised based on additional research. Approach to sight distance requirements has been described in further detail.
6. WSDOT Design manual Chapter 1020 is referenced in regard to design speed for the urban shared path
7. Right-turn on red restrictions for northbound vehicles at intersections 10 and 11 are discussed
8. Principals of warrants and minimizing signage are discussed
9. It is noted that figures are not to scale and further design will be developed for construction documents
10. Sight distances for "no control" intersections is discussed but eliminated because due to the slope and curvature of most intersections, the needed sight distance could not be achieved.
11. Discussion of elimination of use of convex mirrors and pavement detection has been expanded.
12. The use of speed bumps is examined.
13. Netherlands/UC Davis bike lane crossings are discussed